## **EAST Search History**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	46	lee abraham.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/05 15:40
S2	1	tan yung-chieh.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/30 11:17
S3	1	("20020058332").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/09 11:59
S4	50	montigny.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/05 16:09
S5	1	montigny armand de.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/05 16:07
S6	51	higuchi toshiro.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/05 16:09
S7	1	("20060079585").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/06 09:34
S8	1	("5869004").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/06 10:47
S9	108	bowtie and micro	US-PGPUB; USPAT	ADJ	ON	2007/07/09 11:44
S10	7574	microfluidic and channel	US-PGPUB; USPAT	ADJ	ON	2007/07/09 11:59
S11	128	S10 and processing and sorting and splitting	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:10
S12	16	droplet processor	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:11
S13	10	S12 and micro	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:28
S14	110	("20020037498"   "2002006166"   "4673657"   "5250263"   "5296375"   "5250263"   "5296375"   "5304487"   "5427946"   "5488335"   "5588039"   "5585121"   "5588136"   "5593338"   "5599432"   "559503"   "5603351"   "5605662"   "5633536"   "5632957"   "564039157"   "5641484"   "5699157"   "5705813"   "5725026"   "5726404"   "574366"   "5759015"   5755942"   "5788814"   "5780029"   "5788814"   "58800690"   "5842106"   "5842787"	USPAT, USOCR	ADJ	ON	2007/07/09

		5849489' -5852495' -5858188' -5868004' -58680071' -5588261' -5583261' -5942443' -5955028' -5942443' -5955028' -594243' -5955028' -59576336' -59576336' -596495' -596495' -59658694' -59558694' -596495' -596495' -59658694' -596495' -596395' -596395' -596395' -596395' -596395' -596395' -596395' -5963695' -5963695' -5963656' -5963656' -5963656' -5963656' -5963656' -5963656' -5963656' -5963656' -5963656' -5963656' -5963656' -596365' -59636' -596365' -59636' -5	5856174"     *586708"     *5866345"     *5866345"     *5876675"     *5882465"     *5882465"     *589291"     *5929208"     *5939291"     *595202"     *595202"     *595203"     *595291"     *5964997"     *596497"     *596410"     *5972187"     *5989002"     *6056034"     *6057149"     *6057149"     *6057149"     *6130098"     *6137595"     *6130098"     *6137595"     *6287254"				
S15	110	"5296375" "5427946" "5498392" "5585069" "5589136" "5599432" "5632876" "5635358" "5639423" "5681484" "57705813" "5726404" "5779868" "578814" "5842106"	156"   "5250263"   "5250263"   "5304487"   "5304487"   "5486335"   "5585171"   "5587128"   "5593638"   "5593662"   "56032657"   "5637469"   "56473736"   "564742"   "5699157"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 12:11

		"5849489"   "5849598"   "5852495"   "5856174"				
		"5858188"   "5863708"				
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		"5869004"   "5876675"				
		"5880071"   "5882465"				
		"5883211"   "5885470"				
		"5900130"   "5912124"				
		"5916776"   "5922591"				
		"5928880"   "5929208"				
		"5935401"   "5939291"				
		"5942443"   "5948227"				
		"5955028"   "5955029"				
		"5957579"   "5958203"				
		"5958694"   "5959291"				
		"5964995"   "5964997"				
		"5965001"   "5965410"	*****			
		"5965886"   "5972187"				
		"5976336"   "5980704"				
		"5980719"   "5989402"				
		"5992820"   "5993611"				
		"6001231"   "6004515"				
		"6007690"   "6012902"   "6033546"   "6046056"				
		"6048734"   "6054034"				-
		"6056860"   "6057149"				
		"6063589"   "6130098"				
		"6174675"   "6197595"				
		"6235175"   "6251343"				***
		"6274089"   "6287254"				
		"6306273"   "6326211"				
		"6379974"   "6399025"				
		"6399389"   "6534295"				
		"6544734"   "6572830").				***
		PN.				
S16	5	micro and processing same	US-PGPUB;	ADJ	ON	2007/07/09
		sorting same splitting	USPAT			12:36
S17	47	processing same sorting	US-PGPUB; USPAT	ADJ	ON	2007/07/09
		same splitting	·			12:37
S18	3	S17 and droplet	US-PGPUB;	<b>A</b> DJ	ON	2007/07/09
			USPAT			12:36
S19	92	micro and droplet with	US-PGPUB;	ADJ	ON	2007/07/09
-	_	processor	USPAT	1		12:38
S20	92	micro and droplet with	US-PGPUB;	ADJ	ON	2007/07/09
UZU	اعدا	processo\$3	USPAT	ALU	O. V	12:44
	<u> </u>	·	· p			
S21	7611	microfluidic and (processor	US-PGPUB;	ADJ	ON	2007/07/09
		or processing)	USPAT			12:44
S22	2024	S21 and sort\$3	US-PGPUB;	ADJ	ON	2007/07/09
			USPAT			12:45
S23	1019495	L and size	US-PGPUB.	ADJ	ON	2007/07/09
	.010-300	2.00020	USPAT	, 20	0.1	12:45
	1054	1000 1	· <u>}</u>			
S24	1954	S22 and size	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:45

S25	694	S24 and split\$3	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:45
S26	246	piexoelectr or inkjet and microdroplet and process	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:04
S27	278	piexoelectric or inkjet and microdroplet and process	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:04
S28	100225	piezoelectric or inkjet and microdroplet and process	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:05
S29	35	microfluidic and amphiphilic and monolayer with vesicle	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:09
S30	6	micro with droplet and amphiphilic and monolayer with vesicle	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:14
S31	847	microfluidic and splitter	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:14
S32	391	S31 and @py<= "2004" and @ay<= "2004"	US-PGPUB; USPAT	ADJ	ON	2007/07/09 14:50
<b>S3</b> 3	147	microfluidic and ((monolayer and bilayer) with vesicle)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 15:02
S34	190	microfluidic and amphiphilic and monolayer	US-PGPUB; USPAT	ADJ	ON	2007/07/09 15:02
S35	102	S34 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/07/09 15:11
S36	1	("6936811").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/09 15:11
\$37	50	["20020025528"] "20020037542"] "20020037542"] "20020037542"] "20020038332"] "20030032204"] "20030032204"] "3826899"] "4253846"] "4386274"] "4460667" "44386274"] "4486360"] "439081"] "5374556"] "5472550"] "56672886"] "5752606"] "56672886"] "5752606"] "5673298"] "5834208"] "5982443"] "5980810"] "6149789"] "6221654"] "6224732"] "6246254"] "6280660"] "624654"] "6280660"] "6389397"] "6408878"] "6411838"] "649505"] "6518056"] "6534308"] "6518056"] "6534308"] "6540895"] "65634308"]	US-PGPUB; USPAT; USOOR	ADJ	ON	2007/07/09

		"6744038"   "6778724"   "6797942").PN.	***************************************			
S38	18	S37 and sort and size	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:40
S39	10	microfluidic and droplet processor	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:41
S40	110	("20020037499"   "20020037499"   "20020037499"   "20020037499"   "20020037499"   "5250263"   "5256375"   "5250263"   "52627645"   "5483325"   "5583638"   "5589432"   "5585128"   "5589432"   "558503"   "5603351"   "5603561"   "5603561"   "5603561"   "5603561"   "5603561"   "5603561"   "5603561"   "5603561"   "5603561"   "5603561"   "5603561"   "5603561"   "5763561"   "5763628"   "5763628"   "5764039"   "574366"   "5756041"   "575642"   "5779681"   "5779681"   "5779682"   "5779682"   "5779682"   "5779682"   "5779682"   "57842105"   "57842105"   "57842105"   "57842481"   "5844881"   "5844881"   "58636174"   "58636174"   "58636175"   "5863661"   "586361"   "586361"   "5863661"   "5863661"   "5863661"   "5863661"   "5863661"   "5863661"   "5863661"   "58636	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09

		"6274089"   "6287254"   "6306273"   "6326211"   "6379974"   "6399025"   "6399389"   "6534295"   "6544734"   "6572830"). PN.	***************************************			
S41	660	microfluidic and splitting	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:43
S42	308	S41 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:47
S43	133	microdroplet and splitting	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 16:14
S44	5385	microfluidic and computer	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:57
S45	401	S44 and splitting	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 15:57
S46	180	S45 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 16:07
S47	82	S46 and fus\$3	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2007/07/09 16:07
S48	251	microdroplet same (splitting or separate) and microdroplet	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 16:51
S49	0	microfluidic and shear force and procesor	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 16:51
S50	120	microfluidic and shear force and processor	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 17:16
S51	404	microfluidic and amphiphilic	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/09 17:17
S52	0	lee "abraham." "in."	US-PGPUB; USPAT	ADJ	ON	2007/07/10 08:53
S53	46	lee abraham.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/10 09:07
S54	338	microfluidic and (splitting or split) and (fusing or fuse) and (droplet or particle)	US-PGPUB; USPAT	ADJ	ON	2007/07/10 09:08
S55	168	S54 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/07/10 14:41
S56	1	("6835394").PN	US-PGPUB; USPAT	OR	OFF	2007/07/10 14:11
S57	1486	(droplet or particle) and amphiphilic and monolayer and bilayer	US-PGPUB; USPAT	ADJ	ON	2007/07/10 14:42
S58	118	S57 and microfluidic	US-PGPUB; USPAT	ADJ	ON	2007/07/10 14:43
S59	93	S58 and encapsul\$	US-PGPUB; USPAT	ADJ	ON	2007/07/10 15:36
S60	404	microfluidic and amphiphilic	US-PGPUB; USPAT	ADJ	ON	2007/07/10 15:36

S61	190	S60 and monolayer	US-PGPUB; USPAT	ADJ	ON	2007/07/10 15:37
S62	126	S61 and bilayer	US-PGPUB; USPAT	ADJ	ON	2007/07/10 15:37
S63	16	stone howard.in.	US-PGPUB; USPAT	ADJ	ON	2007/07/11 09:51
S64	11109	microcapsules	DERWENT	ADJ	ON	2007/07/30 11:18
S65	11109	microcapsule	DERWENT	ADJ	ON	2007/07/30 11:18
S66	13	S65 and microemulsion	DERWENT	ADJ	ON	2007/07/30 11:18
S67	1936	microemulsion	DERWENT	ADJ	ON	2007/07/30 11:18
S68	102	S67 and droplet	DERWENT	ADJ	ON	2007/07/30 11:18
S69	1	S68 and (channel or flow passage or flow passage way)	DERWENT	ADJ	ON	2007/07/30 11:19
S70	1	microemusion	DERWENT	ADJ	ON	2007/07/30 11:20
S71	1936	microemulsion	DERWENT	ADJ	ON	2007/07/30 11:20
S72	911	S71 and oil and (water or aqueous)	DERWENT	ADJ	ON	2007/07/30 11:20
S73	435	S72 and (drug or polymer)	DERWENT	ADJ	ON	2007/07/30 11:21
S74	367	S73 and @py<="2004" and @ay<="2004"	DERWENT	ADJ	ON	2007/07/30 11:27
S75	367	S73 and @py<="2004" and @ay<="2004"	DERWENT	ADJ	ON	2007/07/30 11:27
S76	35	S75 and (droplet or capsule)	DERWENT	ADJ	ON	2007/07/30 11:28
S77	17	lee abraham.in. and microfluidic	US-PGPUB; USPAT	ADJ	ON	2008/04/07 12:35
S78	0	WO-99/15263-\$.DID.	DERWENT	ADJ	ON	2008/04/07 12:36
S79	1	WO-9915263-\$.DID.	DERWENT	ADJ	ON	2008/04/07 12:36
S80	1	CA-2304644-\$.DID.	DERWENT	ADJ	ON	2008/04/07 12:36
S81	7012	sheath and oil and water and (drop or droplet)	US-PGPUB; USPAT	ADJ	ON	2008/12/14 20:11
S82	28495	"L3" and @py<="2003" and @ay<="2003"	US-PGPUB; USPAT	ADJ	ON	2008/12/14 20:11
S83	3062	S81 and @py<="2003" and @ay<="2003"	US-PGPUB; USPAT	ADJ	ON	2008/12/14 20:11
S84	448	S83 and shear and force	US-PGPUB; USPAT	ADJ	ON	2008/12/14 20:11

S85	149	S84 and inlet	US-PGPUB; USPAT	ADJ	ON	2008/12/14 20:11
586	11	S85 and amphiphilic	US-PGPUB; USPAT	ADJ	ON	2008/12/14 20:12
587	468	436/52.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/12/15 10:56
588	136	S87 and (drop or droplet)	US-PGPUB; USPAT	ADJ	ON	2008/12/15 10:56
389	23	S88 and (form or generate) with (drop or droplet)	US-PGPUB; USPAT	ADJ	ON	2008/12/15 10:57
S90	1	("5093006").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/15 11:20
S91	0	("2002150503").PN	US-PGPUB; USPAT	OR	OFF	2008/12/15 12:52
S92	1	("20020150503").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/15 12:52
S93	1	("5957579").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/15 12:55
S94	1	WO-9922857-\$.DID.	DERWENT	ADJ	ON	2008/12/15 12:56
S95	1	WO-9612194-\$.DID.	DERWENT	ADJ	ON	2008/12/15 12:56
S96	1	WO-0164332-\$.DID.	DERWENT	ADJ	ON	2008/12/15 12:57
S97	0	WO-96125441-\$.DID.	DERWENT	ADJ	ON	2008/12/15 12:57
S98	0	WO-960125441-\$.DID.	DERWENT	ADJ	ON	2008/12/15 12:57
S99	1	WO-9612541-\$.DID.	DERWENT	ADJ	ON	2008/12/15 12:58
S100	1	JP-2002123835-\$.DID.	DERWENT	ADJ	ON	2008/12/15 13:50
S101	0	kawai akira.in.	DERWENT	ADJ	ON	2008/12/15 13:59
S102	38912	kawai	DERWENT	ADJ	ON	2008/12/15 13:59
S103	7	S102 and fine channel	DERWENT	ADJ	ON	2008/12/15 13:59

S104	14	((*5957579*) or (*3806408*) or (*5824660*) or (*6725882*) or (*5868904*) or (*3962383*) or (*5326484*) or (*5476744*) or	US-PGPUB; USPAT	OR	OFF	2008/12/15 14:06
		("6177479") or ("6258585") or ("6281254") or ("6377387") or ("6576023") or ("20040068019")),PN.				
S105	41	kawai akira.in.	US-PGPUB; USPAT	ADJ	ON	2008/12/15 14:10
S106	3	(("4092013") or ("5921678") or ("6281254")).PN.	US-PGPUB; USPAT	OR	OFF	2008/12/15 14:19
S107	1	WO-02068104-\$.DID.	DERWENT	ADJ	ON	2008/12/15 14:26
S108	1	("7268167").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/15 14:36
S109	1	S108 and flow	US-PGPUB; USPAT	ADJ	ON	2008/12/15 14:36
S110	1	S109 and rate	US-PGPUB; USPAT	ADJ	ON	2008/12/15 14:38
S111	7	("20040134854"   "5072864"   "5827707"   "5915925"   "6177479"   "6258858"   "6281254"). PN. OR ("7268167").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/15 14:40
S112	7	("20040134854"   "5072864"   "5827707"   "5915925"   "6177479"   "6258858"   "6281254"). PN. OR ("7268167").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/15 15:05
S113	1	("6005684").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/15 16:15
S114	1	("5643796").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/15 17:06
S115	1	("4148718").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/15 17:07
S116	1	("4325483").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/15 17:08

S117	48	("3380584"   "3710933"   "3761941"   "3769627"   "3826364"   "3836912"   "3851169"   "3876519"   "3907429"   "3920702"   "3941479"   "3953660"   "3963606"   "3982251"   "4025926"   "4045770"   "4047183"   "4063252"   "4148718").PN. OR ("4325483").URFN.	US-PCPUB; USPAT; USOCR	ADJ	ON	2008/12/16 09:35
S118	1	("5464581").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/16 10:00
S119	864	vapor with diffraction	US-PGPUB; USPAT	ADJ	ON	2008/12/17 07:38
S120	2	vapor with diffraction with detect	US-PGPUB; USPAT	ADJ	ON	2008/12/17 07:39
S121	95	vapor with diffraction and bragg	US-PGPUB; USPAT	ADJ	ON	2008/12/17 07:43
S122	9	measure with diffraction with vapor	US-PGPUB; USPAT	ADJ	ON	2008/12/17 07:48
S123	1	("4325483").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/17 09:51
S124	0	(forming and droplets and sheath and flow and inlet and streams and amphiphilic and molecules and encapsulating and monoayer and vesicle and interface and bilayer).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:34
S125	1	(forming and droplets and sheath and flow and inlet and streams and amphiphilic molecules and encapsulating and monolayer and vesicle and interface and bilayer).clm.	US-PGPUB	ADJ	ON	2009/04/07
S126	0	(forming and droplets and sheath and flow and inlet and streams and first and second and solution and immiscible and fluid).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:37
S127	0	(forming and droplets and sheath and flow and inlet and streams and first and second and solution and fluid).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:37
S128	0	(forming and droplets and sheath and flow and inlet and streams and first and second solution and fluid). clm.	US-PGPUB	ADJ	ON	2009/04/07 16:37

S129	2	(forming and droplets and sheath and flow and inlet and streams and first and second solution).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:38
S130	1	(forming and droplets and sheath and flow and inlet and streams and first and second solution and aqueous and oil ).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:41
S131	1	(forming and droplets and sheath and flow and inlet and streams and first and second solution and dissolving and reagent).	US-PGPUB	ADJ	ON	2009/04/07 16:41
S132	1	(forming and droplets and sheath and flow and inlet and streams and first and second solution and reagent and drug and dissolving).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:41
S133	1	(forming and droplets and sheath and flow and inlet and streams and first and second solution and polymer and dissolving and type).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:42
S134	1	(forming and droplets and sheath and flow and inlet and streams and first and second solution and controlling and shear and forces and flow rates).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:42
S135	1	(forming and droplets and sheath and flow and inlet and streams and first and second solution and controlling and pumps and flow rates).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:43
S136	0	(microfluidic and device and microchannel and first and second and third and pumps and output and junction and shearing forces and interfaces and droplet processor).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:43
S137	0	(microfluidic and device and microchannel and first and second and third and pumps and output and junction and shearing forces ).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:44

S138	1	(microfluidic and device and microchannel and first and second and third and pumps and output and junction).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:44
S139	1	(microfluidic and device and microchannel and first and second and third and pumps and output and junction and sorter and splitter).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:45
S140	1	(microfluidic and device and microchannel and first and second and third and pumps and output and junction and fusion).clm.	US-PGPUB	ADJ	ON	2009/04/07 16:45

## 4/7/2009 4:48:21 PM

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